

## IMAGE ILLUMINATION OPTIMIZING

### Abstract of the Disclosure

The brightness of an actual image produced by an image sensor (e.g., CCD) of an electronic camera, is controlled with image size detection circuitry which, in response to electrical signals received from the electronic camera, determines an actual image area occupying a total image area of the image sensor. A control signal, based on the actual image area, is generated and sent to the electronic camera for controlling the electronic shutter.

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